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26111 7590 05/24/2005
**STERNE, KESSLER, GOLDSTEIN & FOX PLLC
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WASHINGTON, DC 20005**

06/13/2005 SFELEKE2 00000152 10823543

01 FC:1501 1400.00 OP
02 FC:1504 300.00 OP
03 FC:8001 9.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/823,543	04/14/2004	Thinh Cat Nguyen	1875.1030004	4381

TITLE OF INVENTION: VARIABLE TRANSDUCTANCE VARIABLE GAIN AMPLIFIER UTILIZING A DEGENERATED DIFFERENTIAL PAIR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/24/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
SHINGLETON, MICHAEL B	2817	330-254000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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Sterne, Kessler, Goldstein

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

Broadcom Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Irvine, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 3 copies

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☒ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 15-0036 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature

Virgil L. Beaston
Virgil L. Beaston

Date

6/10/05

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Registration No.

47,415

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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*Admitted only in Maryland
*Admitted only in Virginia
*Practice limited to
Federal Agencies

June 10, 2005

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Issue Fee

Re: Allowed U.S. Utility Patent Application
Appl. No. 10/823,543; Filed: April 14, 2004
For: **Variable Transconductance Variable Gain Amplifier Utilizing A
Degenerated Differential Pair**
Inventors: NGUYEN *et al.*
Our Ref: 1875.1030004

Sir:

In response to the **Notice of Allowance and Issue Fee(s) Due** dated May 24, 2005, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85B);
2. PTO-2038 Credit Card Payment Form for \$1,709 to cover:
\$1,400.00 Issue Fee;
\$ 300.00 Publication Fee; and
\$ 9.00 Advance copies of patent; and
3. Return postcard.

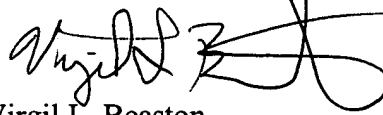
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

Commissioner for Patents
June 10, 2005
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Virgil L. Beaston", with a large, stylized flourish extending from the end of the signature.

Virgil L. Beaston
Attorney for Applicants
Registration No. 47,415

VLB/mhd
Enclosures

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